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NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added  
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes  
NEWS 9 MAR 22 EMBASE is now updated on a daily basis  
NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL  
NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL  
NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered  
NEWS 13 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced  
NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display in MARPAT  
NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected  
NEWS 16 MAY 10 CA/CAplus enhanced with 1900-1906 U.S. patent records  
NEWS 17 MAY 11 KOREAPAT updates resume  
NEWS 18 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
NEWS 19 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2  
NEWS 20 MAY 30 The F-Term thesaurus is now available in CA/CAplus  
  
NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT  
<http://download.cas.org/express/v8.0-Discover/>  
  
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Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 11:55:45 ON 02 JUN 2006

=> file caplus, medline, biosis, embase  
COST IN U.S. DOLLARS

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FULL ESTIMATED COST	0.63	0.63

FILE 'CAPLUS' ENTERED AT 11:57:39 ON 02 JUN 2006  
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FILE 'EMBASE' ENTERED AT 11:57:39 ON 02 JUN 2006  
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=> s delta-9-tetrahydrocannabinol or delta-9-thc or tetrahydrocannabinol or  
cannabinoid or cannabis  
L1 58392 DELTA-9-TETRAHYDROCANNABINOL OR DELTA-9-THC OR TETRAHYDROCANNABI  
NOL OR CANNABINOID OR CANNABIS

=> s alcohol(s)water(s)glycol  
L2 6430 ALCOHOL(S) WATER(S) GLYCOL

=> s ethanol(s)water(s)propylene glycol  
L3 1030 ETHANOL(S) WATER(S) PROPYLENE GLYCOL

=> s l1(l)l2  
L4 5 L1(L) L2

=> dup rem l4  
PROCESSING COMPLETED FOR L4  
L5 4 DUP REM L4 (1 DUPLICATE REMOVED)  
ANSWERS '1-3' FROM FILE CAPLUS  
ANSWER '4' FROM FILE BIOSIS

=> d ibib abs

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1  
ACCESSION NUMBER: 2003:15962 CAPLUS  
DOCUMENT NUMBER: 138:61361  
TITLE: Pharmaceutical composition containing  
tetrahydrocannabinol and a transdermal/transcutaneous  
delivery method thereof  
INVENTOR(S): Murty, Ram B.; Chowdhury, Dipak K.; Mangena, Murty  
PATENT ASSIGNEE(S): Murty Pharmaceuticals, Inc., USA  
SOURCE: U.S., 14 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6503532	B1	20030107	US 2002-121579	20020415
PRIORITY APPLN. INFO.:			US 2001-283350P	P 20010413
AB	Disclosed is a transdermal/transcutaneous delivery system to deliver tetrahydrocannabinol (THC) and related compds., comprising of gel, film and reconstituted liquid for topical application. The delivery system			

may contain polymethacrylic acid (PMA), carbopol, polyethylene glycol 8000 (PEG), propylene glycol (PG), water, alc., acetone, caprylic acid, caproic acid, oleic acid, lauric acid, iso-Pr myristate, triethanolamine, and mixts. thereof. This formulation can be used as an analgesic, antiemetic, antiglaucoma medication, arthritis treatment and prevention of weight loss treatment associated with AIDS. It can also be used for treating dementia and multiple sclerosis. The present formulation avoids the problems associated with oral administration, patient compliance and potential abuse associated with other routes of administration of THC.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 2 ibib abs

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2004:681409 CAPLUS  
DOCUMENT NUMBER: 141:195317  
TITLE: Composition for inhalation comprising  
Δ<sub>9</sub>-tetrahydrocannabinol in a semiaqueous solvent  
INVENTOR(S): McPhillips, Andrea M.; Economou, Julia J.; Dedhiya,  
Mahendra G.; Wynne, Beverley Ann  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 50 pp., Cont.-in-part of U.S.  
6,747,058.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004162336	A1	20040819	US 2003-656304	20030905
US 6747058	B1	20040608	US 2000-639289	20000815
PRIORITY APPLN. INFO.:			US 1999-150023P	P 19990820
			US 2000-639289	A2 20000815

AB A stable composition for rapid delivery by inhalation to the lungs, and subsequently to the bloodstream, is provided. The composition comprises a therapeutically effective amount of .**DELTA.**-9-tetrahydrocannabinol in a pharmaceutically-acceptable semiaq. solvent comprising an alc., water and a glycol. A composition comprising volumetric ratios of ethanol:water:propylene glycol selected from those in the range of from 10-70:10-30:20-80, resp., having a combined total of 100 is also provided. A sterile and/or preserved sealed unit-or multi-unit dosage form of .**DELTA.**-9-tetrahydrocannabinol is further provided.

=> d 3 ibib abs

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2001:152459 CAPLUS  
DOCUMENT NUMBER: 134:183527  
TITLE: Composition for inhalation comprising  
delta-9-tetrahydrocannabinol in a semiaqueous solvent  
INVENTOR(S): McPhillips, Andrea M.; Economou, Julia J.; Dedhiya,  
Mahendra G.; Wynne, Beverley Ann  
PATENT ASSIGNEE(S): Roxane Laboratories, Inc., USA  
SOURCE: PCT Int. Appl., 17 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001013886	A1	20010301	WO 2000-US22495	20000815
W: AE, AG, AL, AM, AT, AU, AZ, CR, CU, CZ, DE, DK, DM, DZ, HU, ID, IL, IN, IS, JP, KE, LU, LV, MA, MD, MG, MK, MN, SD, SE, SG, SI, SK, SL, TJ,	BA, BB, BG, BR, BY, BZ, CA, CH, CN, EE, ES, FI, GB, GD, GE, GH, GM, HR, KG, KP, KR, KZ, LC, LK, LR, LS, LT, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	AT, BE, CH, CY, BF, BJ,			
CA 2382217	AA	20010301	CA 2000-2382217	20000815
EP 1212039	A1	20020612	EP 2000-957496	20000815
EP 1212039	B1	20051102		
R: AT, BE, CH, DE, DK, ES, FR, IE, SI, LT, LV, FI, RO, MK,	GB, GR, IT, LI, LU, NL, SE, MC, PT, CY, AL			
JP 2003535813	T2	20031202	JP 2001-518025	20000815
NZ 517517	A	20040326	NZ 2000-517517	20000815
AU 779324	B2	20050120	AU 2000-69107	20000815
AT 308314	E	20051115	AT 2000-957496	20000815
NO 2002000835	A	20020402	NO 2002-835	20020220
HK 1056318	A1	20050923	HK 2003-108637	20031126
PRIORITY APPLN. INFO.:			US 1999-150023P	P 19990820
			WO 2000-US22495	W 20000815

AB A formulation of **delta-9-tetrahydrocannabinol** in a semi-aqueous solvent, such as 35:10:55 alc.:water :propylene glycol (volume/volume), produces a stable clear solution near the solubility point of the drug. Because **delta-9-tetrahydrocannabinol** has poor affinity for the formulation, it is able to partition out and transport across cell membranes to reach the bloodstream quickly. This was demonstrated by the comparative tmax values achieved in single dose i.v. and 14 day multiple dose inhalation studies conducted in dogs and rats.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 4 ibib abs

L5 ANSWER 4 OF 4 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
ACCESSION NUMBER: 2004:299026 BIOSIS

DOCUMENT NUMBER: PREV200400303855

TITLE: Stable composition for inhalation therapy comprising delta-9-tetrahydrocannabinol and semiaqueous solvent therefor.

AUTHOR(S): Dedhiya, Mahendra G. [Inventor, Reprint Author]; Economou, Julia J. [Inventor]; McPhillips, Andrea M. [Inventor]; Wynne, Beverley A. [Inventor]

CORPORATE SOURCE: Dublin, OH, USA

ASSIGNEE: Unimed Pharmaceuticals, Inc.

PATENT INFORMATION: US 6747058 20040608

SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (June 8 2004) Vol. 1283, No. 2.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file.

ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent

LANGUAGE: English

ENTRY DATE: Entered STN: 30 Jun 2004

Last Updated on STN: 30 Jun 2004

AB A formulation of **delta-9-tetrahydrocannabinol**

in a semi-aqueous solvent, such as 35:10:55 alcohol:water:propylene glycol (v/v), produces a stable clear solution near the solubility point of the drug. Because delta-9-tetrahydrocannabinol has poor affinity for the formulation, it is able to partition out and transport across cell membranes to reach the bloodstream quickly. This has been demonstrated by the comparative tmax values achieved in single dose intravenous and 14 day multiple dose inhalation studies conducted in dogs and rats.

=> d his

(FILE 'HOME' ENTERED AT 11:55:45 ON 02 JUN 2006)

FILE 'CAPLUS, MEDLINE, BIOSIS, EMBASE' ENTERED AT 11:57:39 ON 02 JUN 2006

L1 58392 S DELTA-9-TETRAHYDROCANNABINOL OR DELTA-9-THC OR TETRAHYDROCANN  
L2 6430 S ALCOHOL(S)WATER(S)GLYCOL  
L3 1030 S ETHANOL(S)WATER(S)PROPYLENE GLYCOL  
L4 5 S L1(L)L2  
L5 4 DUP REM L4 (1 DUPLICATE REMOVED)

=> s l1(l)13

L6 1 L1(L) L3

=> d ibib abs

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:681409 CAPLUS

DOCUMENT NUMBER: 141:195317

TITLE: Composition for inhalation comprising

Δ9-tetrahydrocannabinol in a semiaqueous solvent

INVENTOR(S): McPhillips, Andrea M.; Economou, Julia J.; Dedhiya, Mahendra G.; Wynne, Beverley Ann

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 50 pp., Cont.-in-part of U.S. 6,747,058.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004162336	A1	20040819	US 2003-656304	20030905
US 6747058	B1	20040608	US 2000-639289	20000815
PRIORITY APPLN. INFO.:			US 1999-150023P	P 19990820
			US 2000-639289	A2 20000815

AB A stable composition for rapid delivery by inhalation to the lungs, and subsequently to the bloodstream, is provided. The composition comprises a therapeutically effective amount of .DELTA.-9-tetrahydrocannabinol in a pharmaceutically-acceptable semiaq. solvent comprising an alc., water and a glycol. A composition comprising volumetric ratios of ethanol:water:propylene glycol selected from those in the range of from 10-70:10-30:20-80, resp., having a combined total of 100 is also provided. A sterile and/or preserved sealed unit-or multi-unit dosage form of .DELTA. 9-tetrahydrocannabinol is further provided.

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	delta-9-tetrahydrocannabinol and delta-9-THC and delta9 tetrahydrocannabinol and cannabinoids and cannabis and delta("9")-THC	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:34
L2	6581251	delta-9-tetrahydrocannabinol and delta-9-THC and delta9 tetrahydrocannabinol OR cannabinoids OR cannabis OR delta("9")-THC	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:35
L3	247756	I2 and alcohol and water and glycol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:36
L4	247756	I2 and alcohol and water and glycol	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:36
L5	271731	alcohol and water and glycol	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:37
L6	1386	alcohol near water near glycol	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2006/06/02 09:38
L7	1228	L2 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:39
L8	460	L2 and L6 @py<="1999"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:43
L9	141	delta-9-tetrahydrocannabinol	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:43
L10	0	L9 and L6 @py<="1999"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:44
L11	0	delta-9-THC and L6 @py<="1999"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:44

## EAST Search History

L12	2	cannabinoids and L6 @py<="1999"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:50
L13	0	cannabis and L6 @py<="1999"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:50
L14	0	delta(9)-THC and L6 @py<="1999"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:50
L15	2	tetrahydrocannabinol and L6 @py<="1999"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/06/02 09:50